Listing / Amendments to the Claims Including Status Indicators

1. (Currently Amended) A method for deploying a fiber optic communication network comprising:

storing an attribute of an optical communication component in a computer catalog database entry;

associating said catalog database entry with a design profile;

selecting said database entry from said design profile;

reading said attribute from said database entry;

associating said attribute with a planned deployment of a physical instance of said component; and

forming a visible image representing said planned deployment, said visible image including a separately identified <u>integrated</u> detail drawing.

2. (Canceled)

3. (Previously Presented) A method as defined in claim 1, further comprising recording said association of said attribute with said planned deployment in a computer memory.

4. (Original) A method as defined in the claim 1, further comprising physically deploying said physical instance of said component.

5. (Original) A method as defined in claim 1 further comprising identifying a geographic location for said planned deployment .

6. (Original) A method as defined in claim 5 further comprising providing a graphical representation of said geographic location and said physical instance .

7. (Original)   A method as defined in claim 5 wherein said optical communication component comprises a component selected from the group of an optical cable, an optical cable connector, a splitter, an optical amplifier, an optical repeater, an optical transmitter, an optical splice enclosure, a patch panel, and a splice tray.

8.   (Original) A method as defined in claim 1 wherein said optical communication component comprises an optical cable, said optical cable comprising a cable selected from the group of ribbon cable, loose tube buffer cable , central tube cable, odd count fiber cable, single mode fiber cable , multimode fiber cable , and cable including a plurality of fiber types .

9.   (Previously Presented) A method as defined in claim 8 wherein said optical cable includes a plurality of optical fibers.

10.   (Original) A method as defined in claim 1 wherein said planned deployment includes identification of said instance with an owner.

11.   (Original) A method as defined in claim 1 wherein said planned deployment includes identification of said instance with a communication circuit.

12.   (Previously Presented) A method as defined in claim 1 wherein said planned deployment includes deploying a plurality of optical communication components.

13 .   (Currently Amended) A system for planning a network comprising:

a first computer including a first memory storage device having application

software encoded therein;

a second computer, operatively connected to said first computer, having a second

memory storage device adapted to record first project data;

a third computer, operatively connected to said second computer, having a third

memory storage device adapted to record second project data, said first and second project

data being substantially instantaneously identical;

said software including a catalog portion, a design profile portion, and a calculations

portion;

said catalog portion being adapted to receive data defining a plurality of

communication network components;

said design profile portion adapted to receive data defining a plurality of design

rules related to logical design of a network;

said first data including a logical model of a communications network;

said calculations portion being adapted to calculate power and signal relationships within

said communications network; and

said software including [[a]] an integrated detail drawing portion adapted to record a

separately identified detailed layout of a network within a multiple dwelling unit.

14.   (Original) A system as defined in claim 13, wherein said communications network

comprises an optical fiber portion.

15.   (Original) A system as defined in claim 14, wherein said optical fiber portion

comprises an optical cable having a buffer with first and second optical fibers;

said optical fibers having different nominal characteristics.

4

16. (Original) A system as defined in claim 13, wherein said communications network comprises a wireless communication portion.

17-18. (Canceled)

19. (Previously Presented) A system for planning a network comprising:

a computer including a memory storage device having application software encoded therein;

said software including a catalog portion, a design profile portion, a project storage portion, and a calculations portion;

said catalog portion adapted to receive data defining a plurality of communication network components;

said design profile portion adapted to receive data defining a plurality of design rules related to logical design of a network;

said project storage portion adapted to receive data including a logical model of a communications network;

said calculations portion adapted to calculate power and signal relationships within said communications network;

said communications network including an optical fiber portion; and

one of said communication network components including an optical cable having a buffer with first and second optical fibers, said optical fibers having different nominal characteristics wherein said first and second fibers include respective fiber segments identified to respective owners.

20. - 30. (Canceled)

31. (Previously Presented) A method for deploying a fiber optic communication network as defined in claim 1, wherein said optical communication component comprises an optical switch.

32. (Previously Presented) A method for deploying a fiber optic communication network as defined in claim 1, wherein said optical communication component comprises a tapered fiber segment.

33. (Previously Presented) A method for deploying a fiber optic communication network as defined in claim 1, wherein said optical communication component comprises an a fiber reel having an uneven buffer count.

34. (Previously Presented) A method for deploying a fiber optic communication network as defined in claim 1, wherein said optical communication component comprises a fiber reel including 36 buffers.

35. (Previously Presented) A method for deploying a fiber optic communication network as defined in claim 1, wherein said optical communication component comprises a fiber ribbon having 72 fibers per buffer.